



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/624,201
Source: O/PF
Date Processed by STIC: 8/1/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

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<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/624,201

DATE: 08/01/2003
TIME: 14:26:58

Input Set : A:\Is1711.app
Output Set: N:\CRF4\08012003\J624201.raw

3 <110> APPLICANT: Hannapel, David J.
4 Chen, Hao
5 Rosin, Faye M.
7 <120> TITLE OF INVENTION: POTATO TRANSCRIPTION FACTORS, METHODS OF USE THEREOF,
8 AND A METHOD FOR ENHANCING TUBER DEVELOPMENT
10 <130> FILE REFERENCE: 82162/171
OK <140> CURRENT APPLICATION NUMBER: US/10/624,201
CPR 12 <141> CURRENT FILING DATE: 2003-07-21
15 <150> PRIOR APPLICATION NUMBER: 60/397,423
16 <151> PRIOR FILING DATE: 2002-07-19
18 <160> NUMBER OF SEQ ID NOS: 28
20 <170> SOFTWARE: PatentIn Ver. 2.1

pp 1-4

ERRORED SEQUENCES

522 <210> SEQ ID NO: 7
523 <211> LENGTH: 2103
524 <212> TYPE: DNA
525 <213> ORGANISM: Solanum tuberosum
527 <400> SEQUENCE: 7
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542 caccaagact cagacttctt gatcaaactt taaggcaaca aaaggcttca aacagatga 900
543 atatgatgaa gactcatcca tggagaccgc aacgtggct cccagaaaaga tcagtctccg 960
544 ttctccgcgc ttggctctt gaacacttcc ttccacccgtt cccaaagtgtat gttgataaac 1020
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546 caagggtaaag gctatgaaag ccaatggtgg aagaaatgtt cttagaagaa acaaaaagaag 1140
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548 aatcacacat tgatcatcat caagctgatc aaaagccaaa tcttgtaaga attgactctg 1260
549 aatgcataatc ttccatcata aatcatcaac ctcatgagaa aaatgatcaa aactatggag 1320

all p. 2, also Does Not Comply
Corrected Diskette Needed

all
error
Explanation
on p. 4

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550 taatttagagg tggagatcaa tcgtttggcg cgatttagct agattttca acaaataattg 1380
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 552 gattacaaca acatggtgaa agtggtgat catcaatggg gttactaca ttttcatcac 1500
 553 aaccatctca taatcaaagt tcactttttt atccaagaga tgatgatcaa gttcaatatt 1560
 554 catcaactttt ggatagtgaa aatcagaatt tgccatatacg aaaccttgat gggggcaca 1620
 555 cttttcatg atttggctgg ttaaaaaatg acagagattc ttcattttg accttattat 1680
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 E--> 557 aaaaaaaaaa aaaaaaaaaa acctcganc cggtcgactm taaaaccta tagtggatcg 1800
 E--> 558 tntfrctgca nntatctntg aatcgtaat nctgaaaaac cccgcaagtt cacttcaact 1860
 E--> 559 gngcatcng nccatctca atttcttca tttatnctc gtttgcctt ntttatgtta 1920
 E--> 560 actatnntcc tnttaagttc aatcttgcc atgtaacctt tgatcttaa aattttttaa 1980
 E--> 561 atgactanaa ttaatgccc tttttttt ggaccttaat ttttcatgaa aattnnttcc 2040
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 851 <212> TYPE: DNA
 852 <213> ORGANISM: Solanum tuberosum P.3
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 856 ggcgtgagc ttgtttcttc gccttcgggt tcggcttcag cttcaggat acaacaacaa 120
 857 caacagcaac aacagagtat tagtagtgtg ccttgagtt ctaagtacat gaaggctgca 180
 858 caagagctac ttgtatgaagt tgtaatgtt ggaaaatcaa tgaaaagtac taatagtact 240
 859 gatgttgtt ttaataatga tgtcaagaaa tcgaagaata tggcgatata gacggacag 300
 860 ttagacggag ttggagcaga caaagacgga gctccaacaa ctgagctaag tacaggggag 360
 861 agacaagaaa ttcaaatgaa gaaagcaaaa cttgttaaca tgcttgacga gttggagcag 420
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 866 agacagcaaa gggcttgca acaattggaa atgatccagc ataattgtt gggacccatc 720
 867 agaggattgc cggaaacgac tttttctgtt cttcgcgtt ggcttttga acatttcctc 780
 868 catccttatac ccaaggattc agacaaaatg atgctagcaa aacaaacagg actaactagg 840
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 872 aaaagccctg gttcagatag ccaaaaacaag agttttgtct caaaacagga caatcatttg 1080
 873 cctcaacaca accctgcttc accaatgccc gatgtccac gccacttcca tacccttatac 1140
 874 ggtatgacca tccgtaatca gtctgctgg ttcacacctca ttggatcacc agagatcgaa 1200
 875 agcatcaaca ttactcaagg gagtccaaag aaaccgagga acaacgagat gttcattca 1260
 876 ccaaacagca ttccatccat caacatggat gtaaaggctt acggagaaaca aatgtcgatg 1320
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 879 ttctcagcac catactcaac cagttgcaca gtttctca ctcttgcctt accacataac 1500
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P.4

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Input Set : A:\Is1711.app
Output Set: N:\CRF4\08012003\J624201.raw

885 actgaaaact tctgtcgcta agcatgaaca tgtattagcg acatacagta tgcaactgta 1860
886 tgtcaactaaa caagaacatg atgaattagt gacggacaac ttctgtcgct aaacaacaaa 1920
887 aaaaaatcca tgtttagta tattgttct cattctatca tatcatggta gtgtaaagaa 1980
888 tcaagaaaaca agtttacat agtaacagtc ttatatacatt ggagatgaag aaccattaa 2040
E--> 889 gttcttcaaa atagatagat tttcttaggtt acttctanaa gatatatata tggttgaggg 2100
890 ttgtatatt aaaaaaaaaa aaaaaaaaa 2128

P.4

VARIABLE LOCATION SUMMARY
PATENT APPLICATION: US/10/624,201

DATE: 08/01/2003
TIME: 14:26:59

error explanation
Input Set : A:\Is1711.app
Output Set: N:\CRF4\08012003\J624201.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:7; N Pos. 5,1768,1780,1783,1785,1794,1802,1805,1811,1813,1818,1831

Seq#:7; N Pos. 1862,1869,1872,1896,1911,1926,1932,1960,1967,1988,2002,2022

Seq#:7; N Pos. 2034,2036,2039,2041,2049,2057,2068,2072,2076,2091

Seq#:11; N Pos. 2078

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/624,201**

DATE: 08/01/2003
TIME: 14:26:59

Input Set : **A:\Is1711.app**
Output Set: **N:\CRF4\08012003\J624201.raw**

L:12 M:270 C: Current Application Number differs, Replaced Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:528 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7
M:340 Repeated in SeqNo=7
L:889 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:11